

FIG. 1

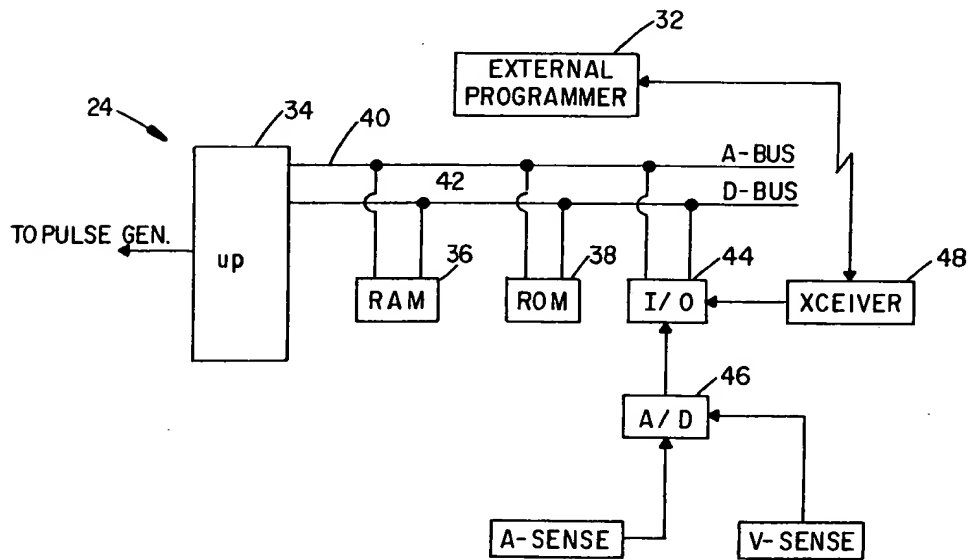


FIG. 2

00064072-002704

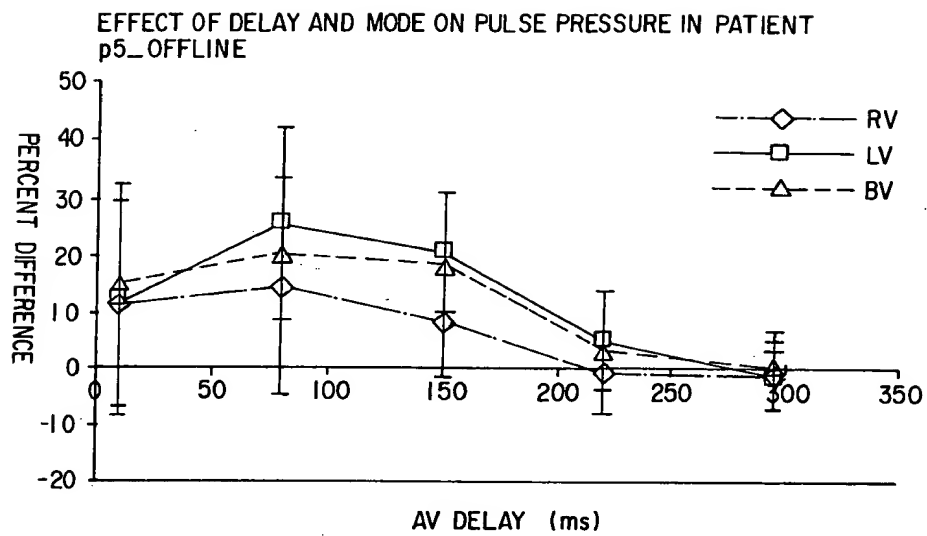


FIG. 3

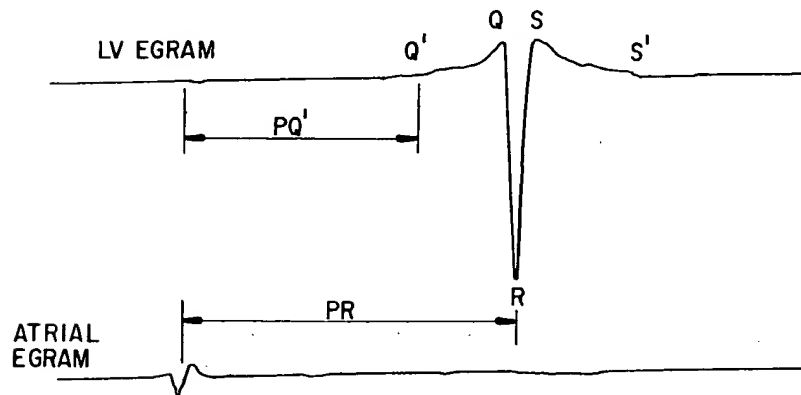


FIG. 4

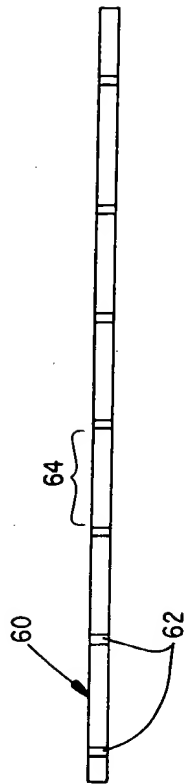
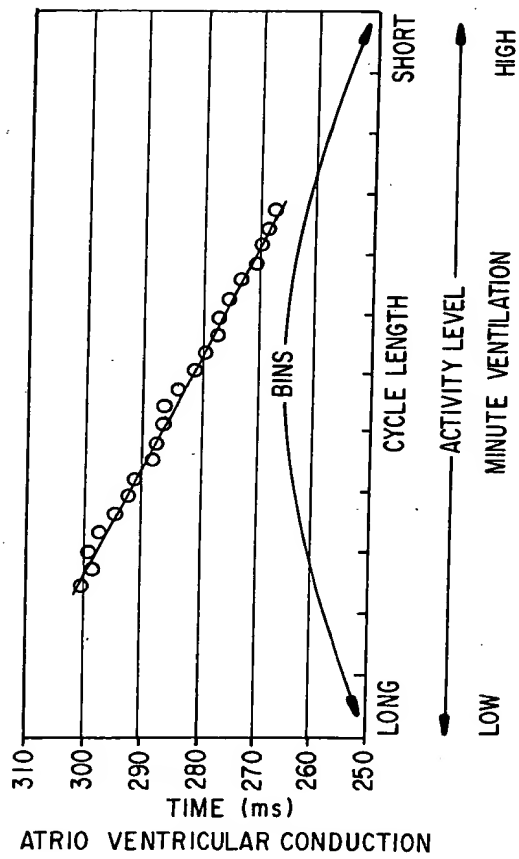


FIG. 5



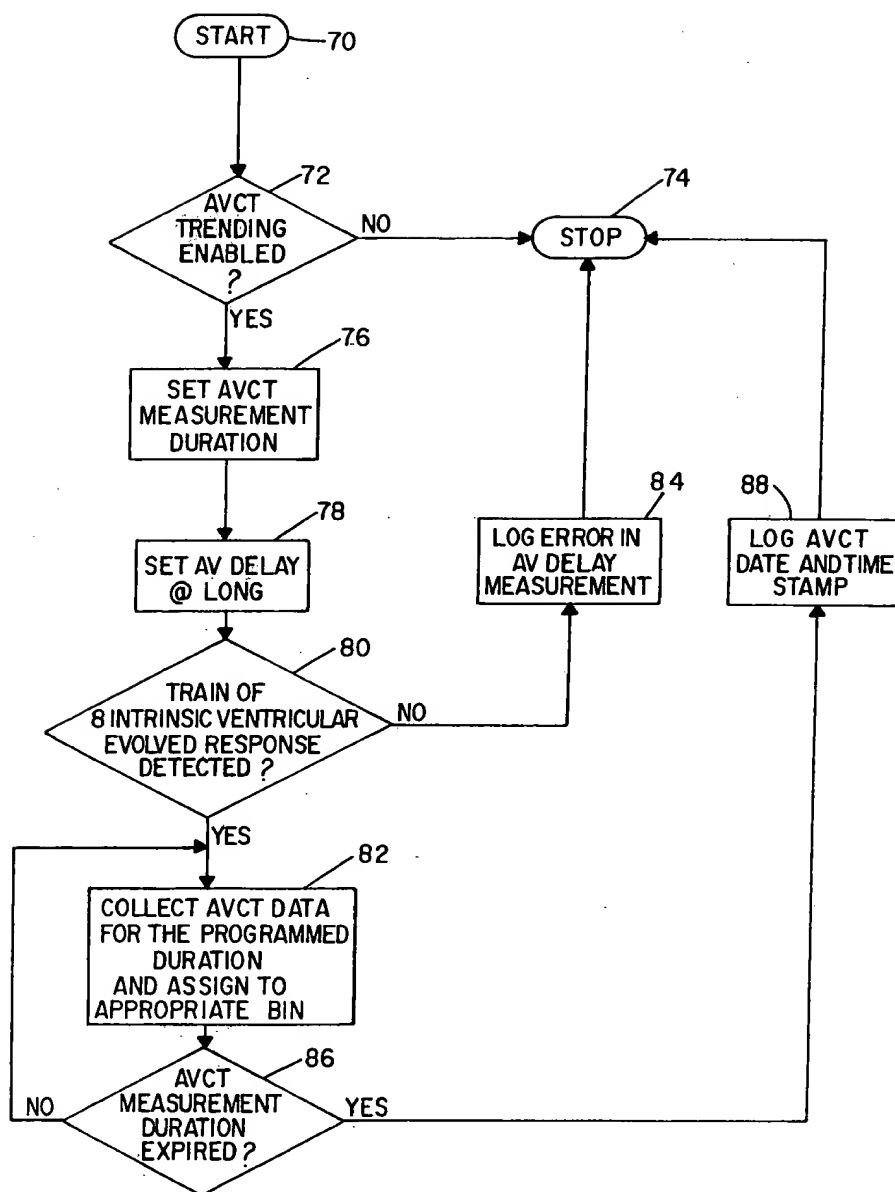


FIG. 7A

090922.00701
102200 260960

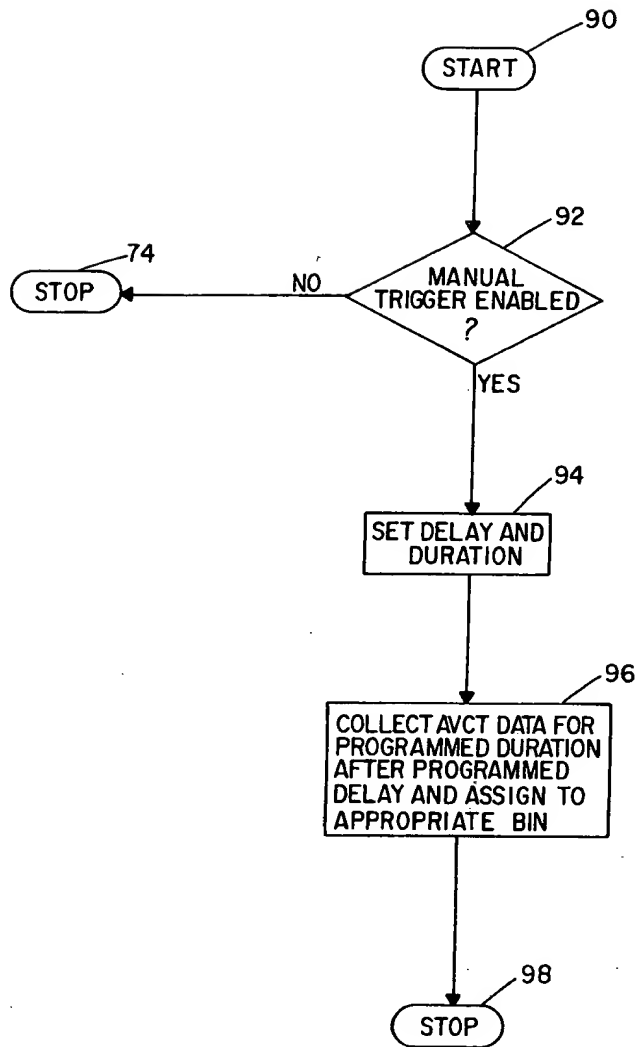


FIG. 7B

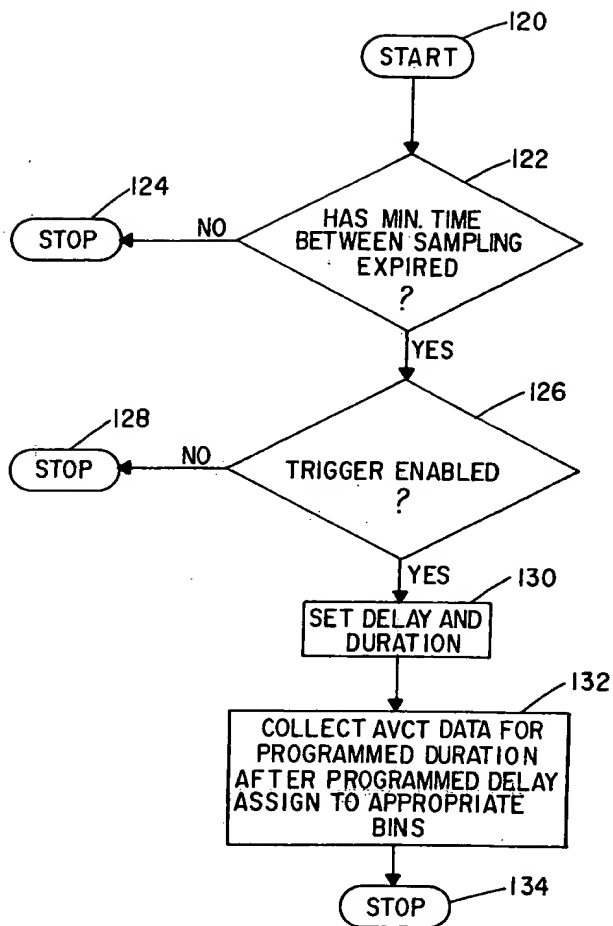


FIG. 7C

```

graph TD
    100([START]) --> 102{DOES NO. OF BEATS  
AVERAGED EXCEED THRESHOLD  
IN ALL THE BINS ?}
    102 -- NO --> 104 --> 106[INSUFFICIENT DATA  
TO GENERATE  
TEMPLATE]
    106 --> 108([STOP])
    102 -- YES --> 110 --> 112[ASSIGN BEST FIT CURVE  
BETWEEN AVCT AND  
RR]
    112 --> 114[OPT AV = k1  
(Fn(RR)) + k2]
    114 --> 116([STOP])
  
```

FIG. 8

00064972 092701

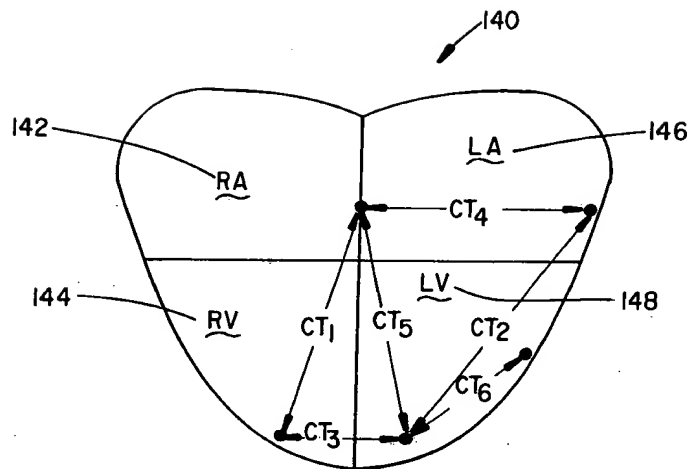


FIG. 9

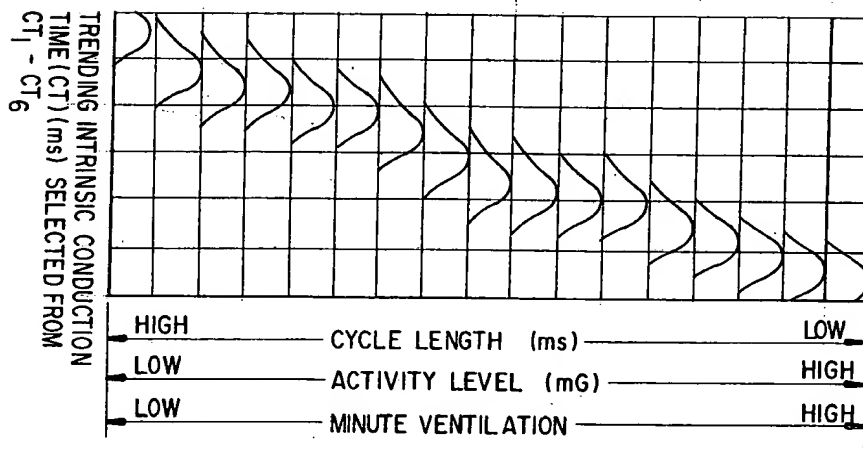


FIG. 10